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PATENT
01393-P0035A GSW/SPM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicants | Sami Yazdi, et al. |
| Serial No. Pending | June 5, 2000 |
| Title of Application: | Hand-Held Electronic Tester For Telecommunications Networks |

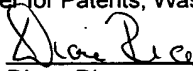
Assistant Commissioner for Patents
Washington, DC 20231

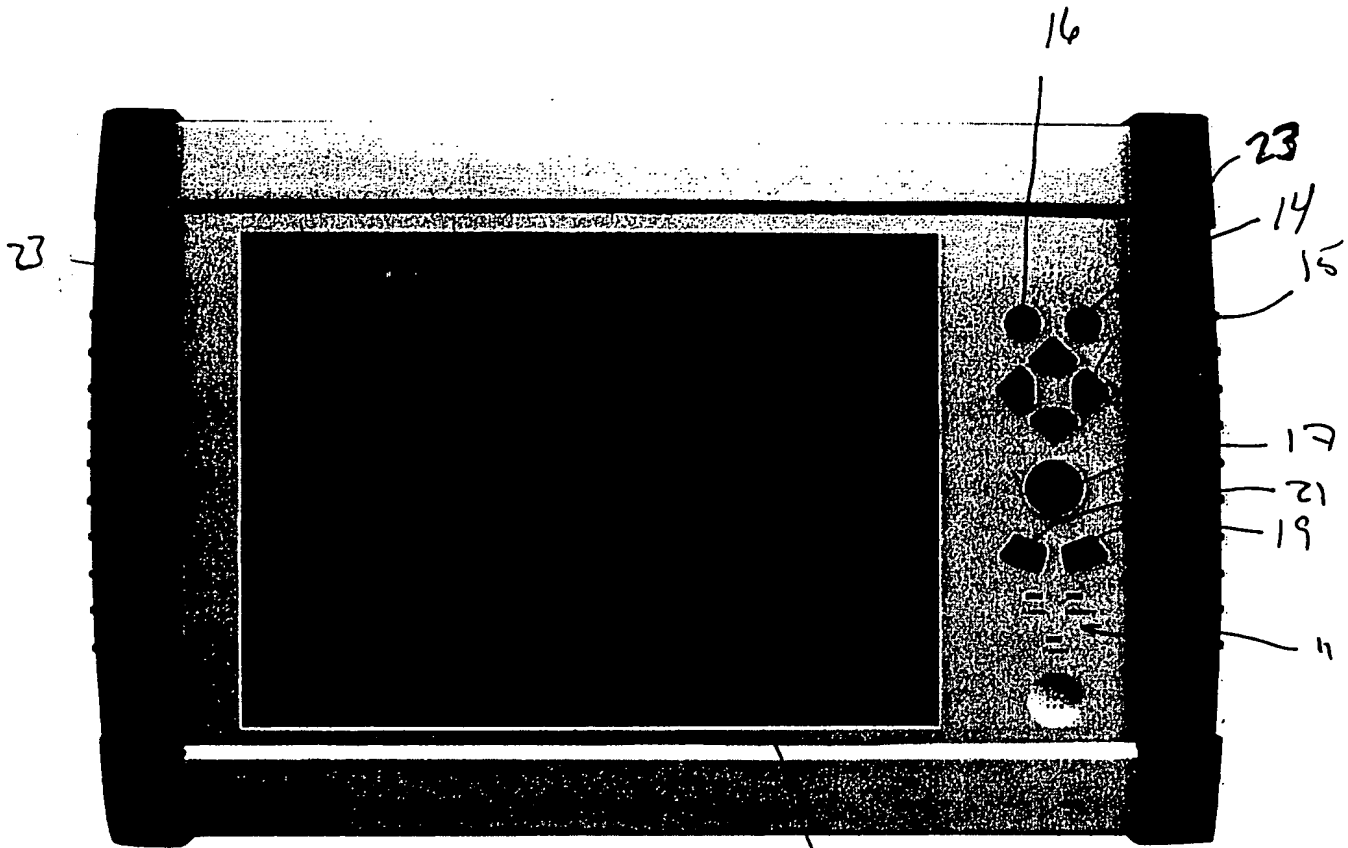
Cover Sheet For Nineteen Sheets Of Drawings

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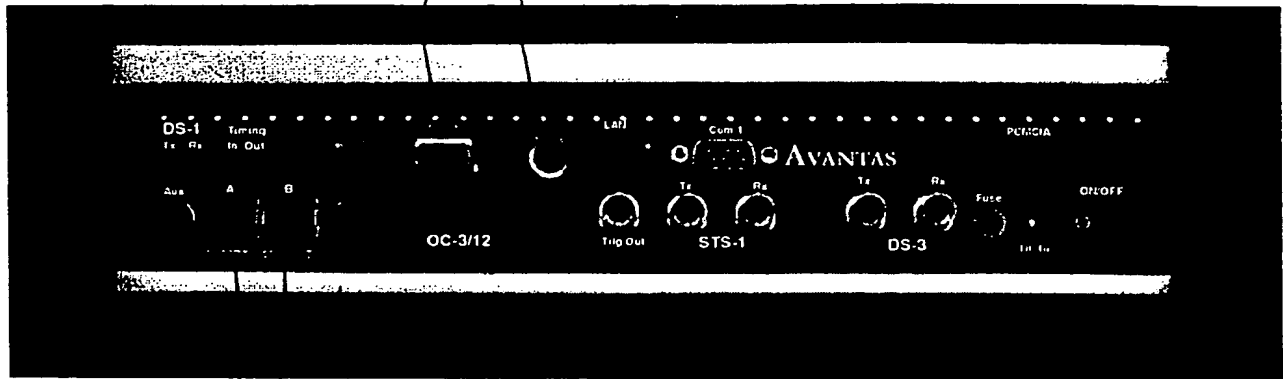
Preferred Embodiment (Front View)

Fig. 1

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SV4A

PS/2

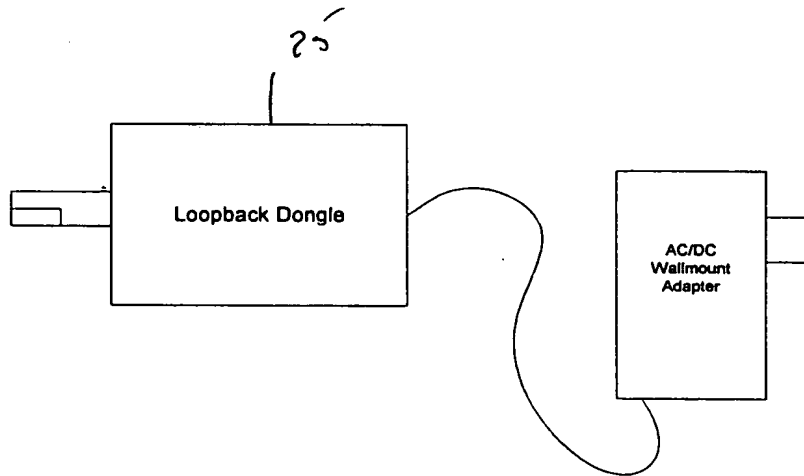


118 | 120

10/100/1000 Base-TX

Connector Panel

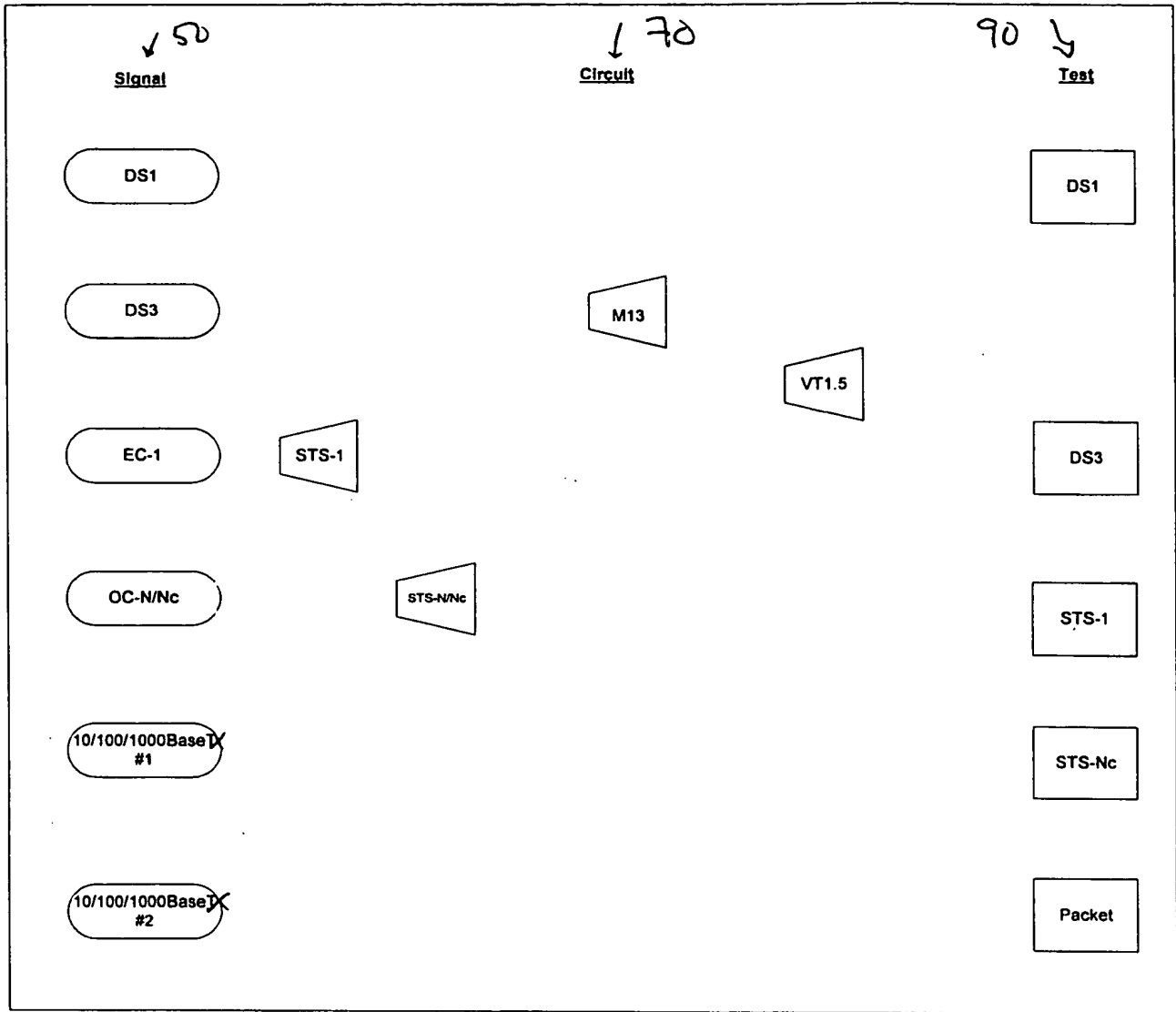
Fig - 2



Ethernet Loopback Dongle

Fig - 3

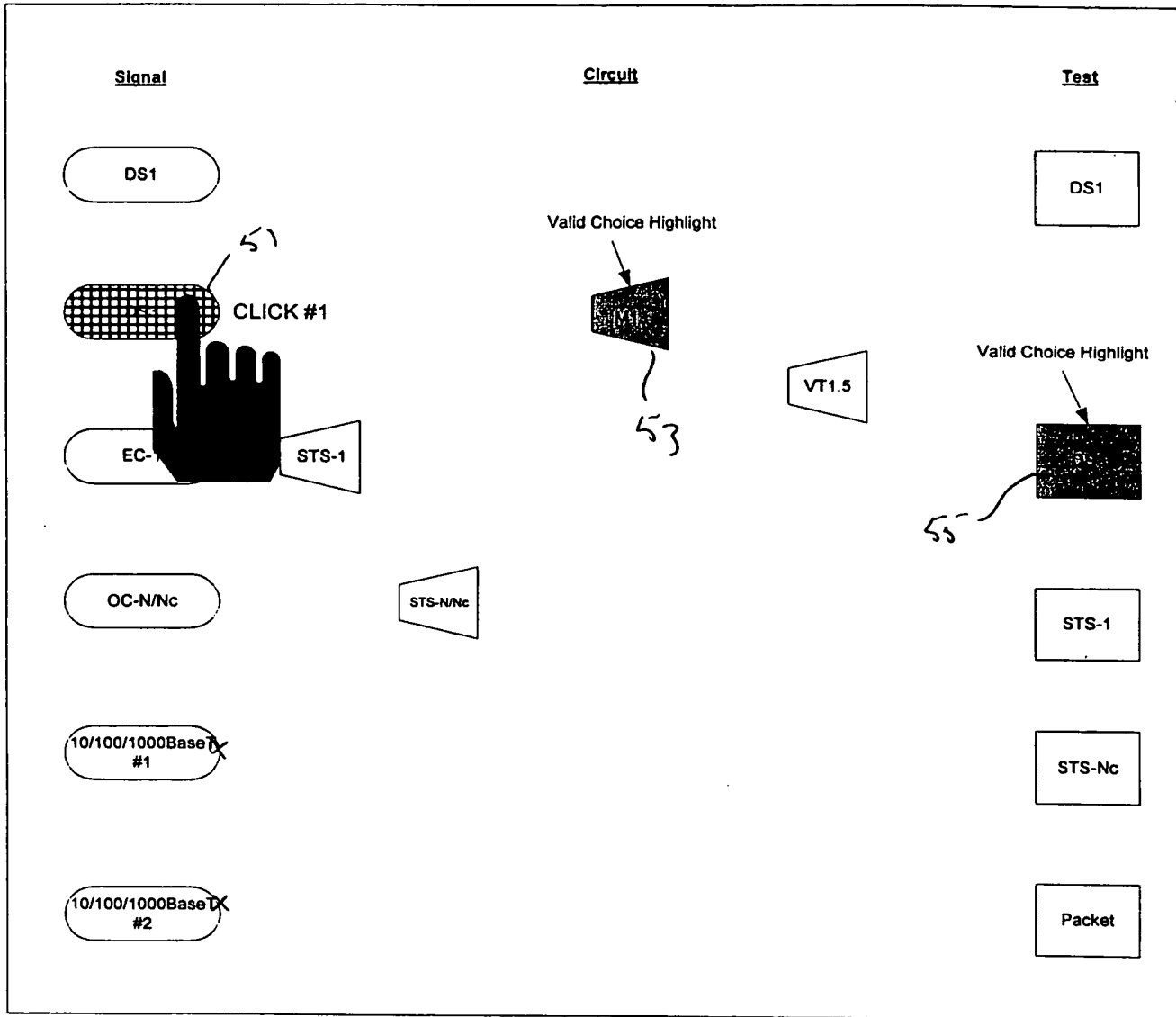
005090-9252500



Graphical User Interface

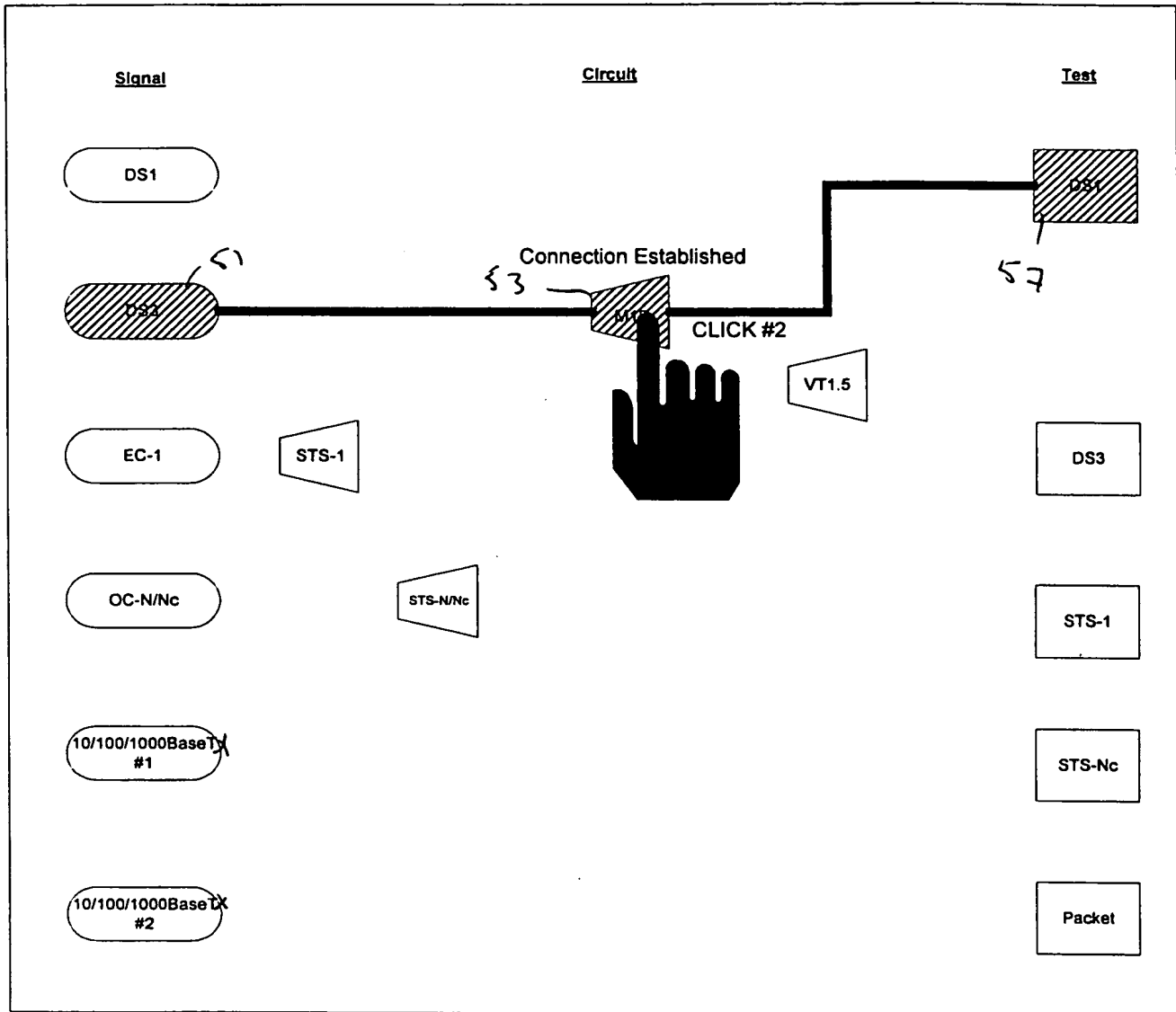
Fig. 4

005030-95/3560



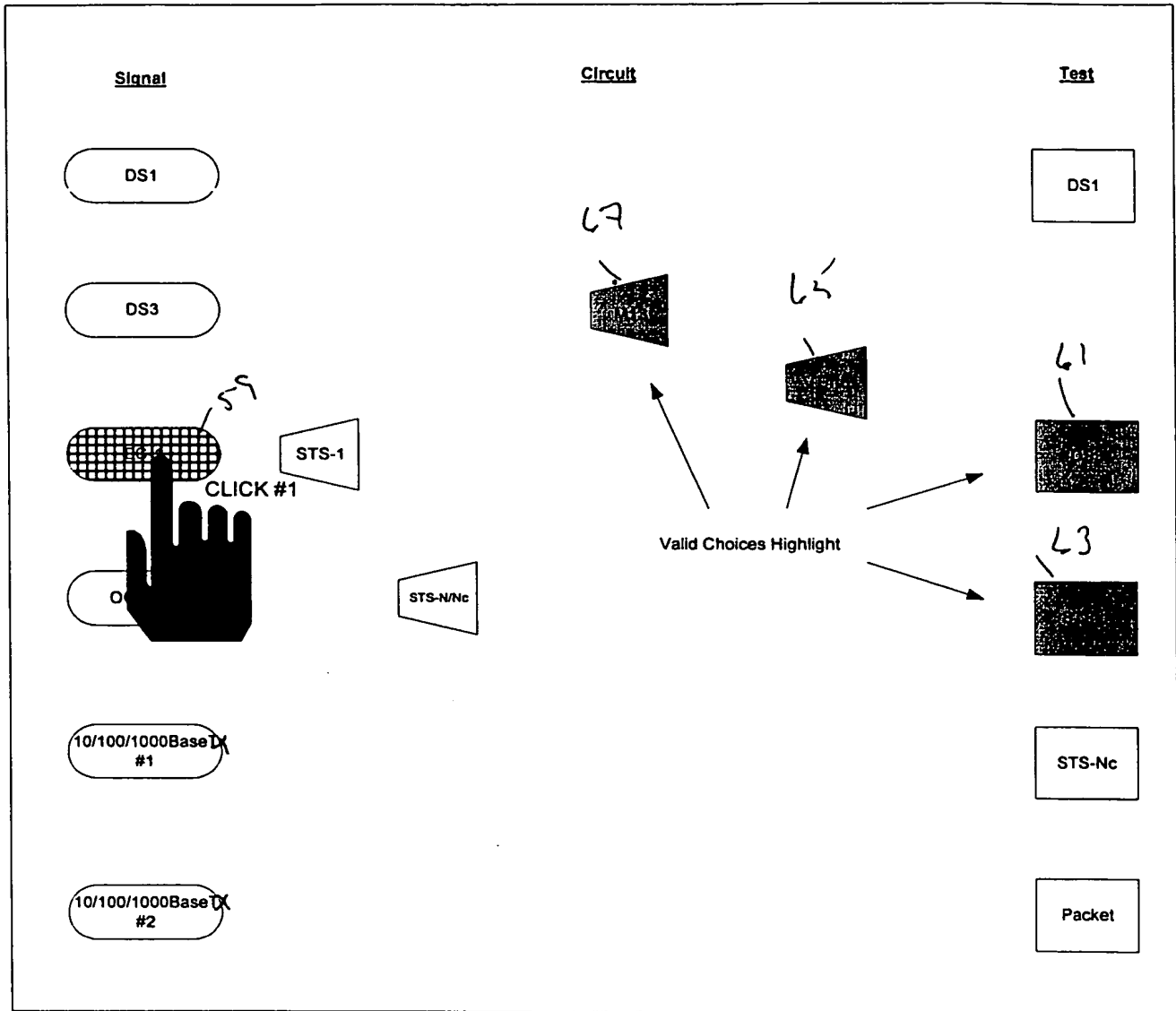
Graphical User Interface

Fig. 5



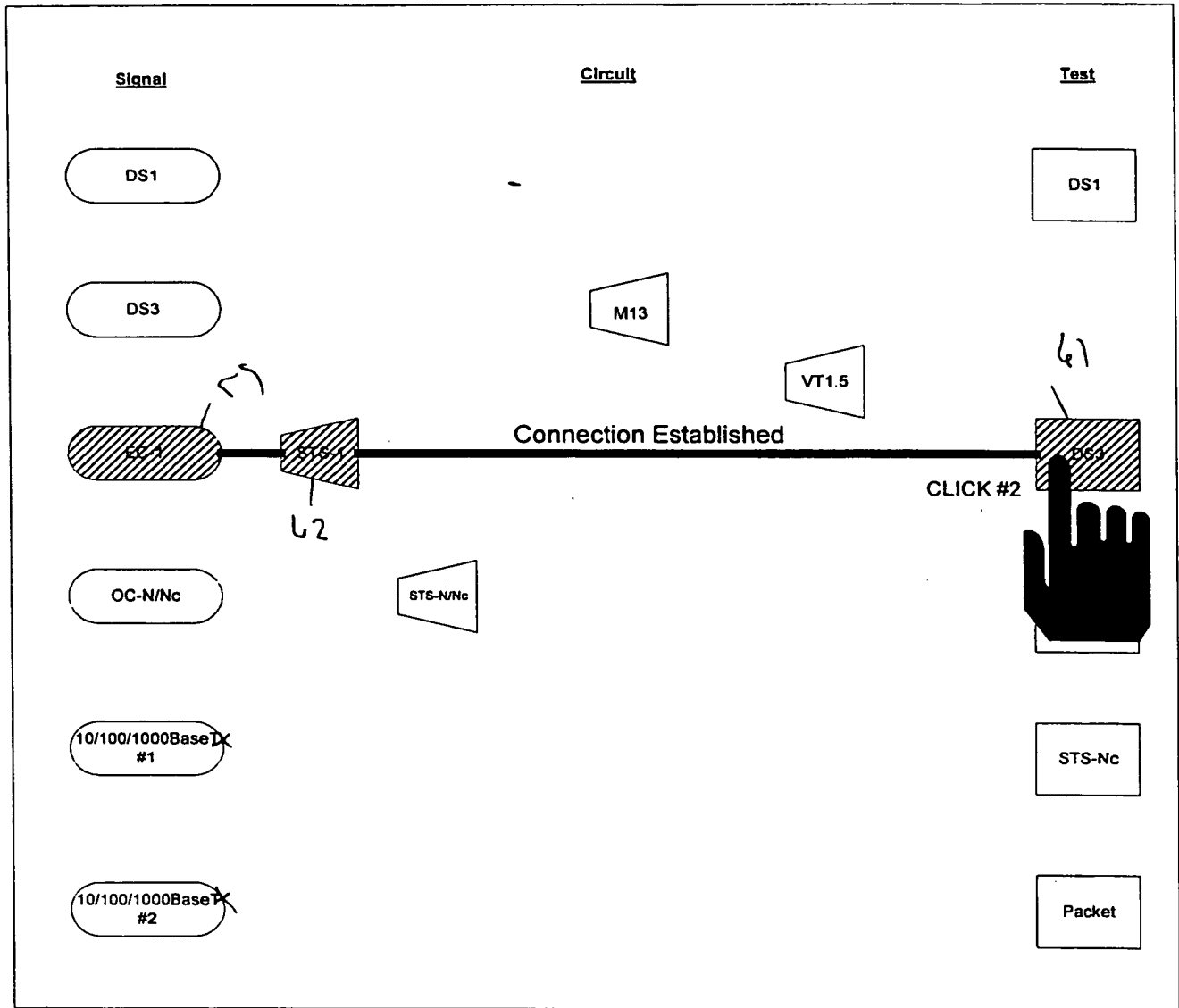
Graphical User Interface

Fig. 6



Graphical User Interface

Fig. 7



Graphical User Interface

Fig - 8

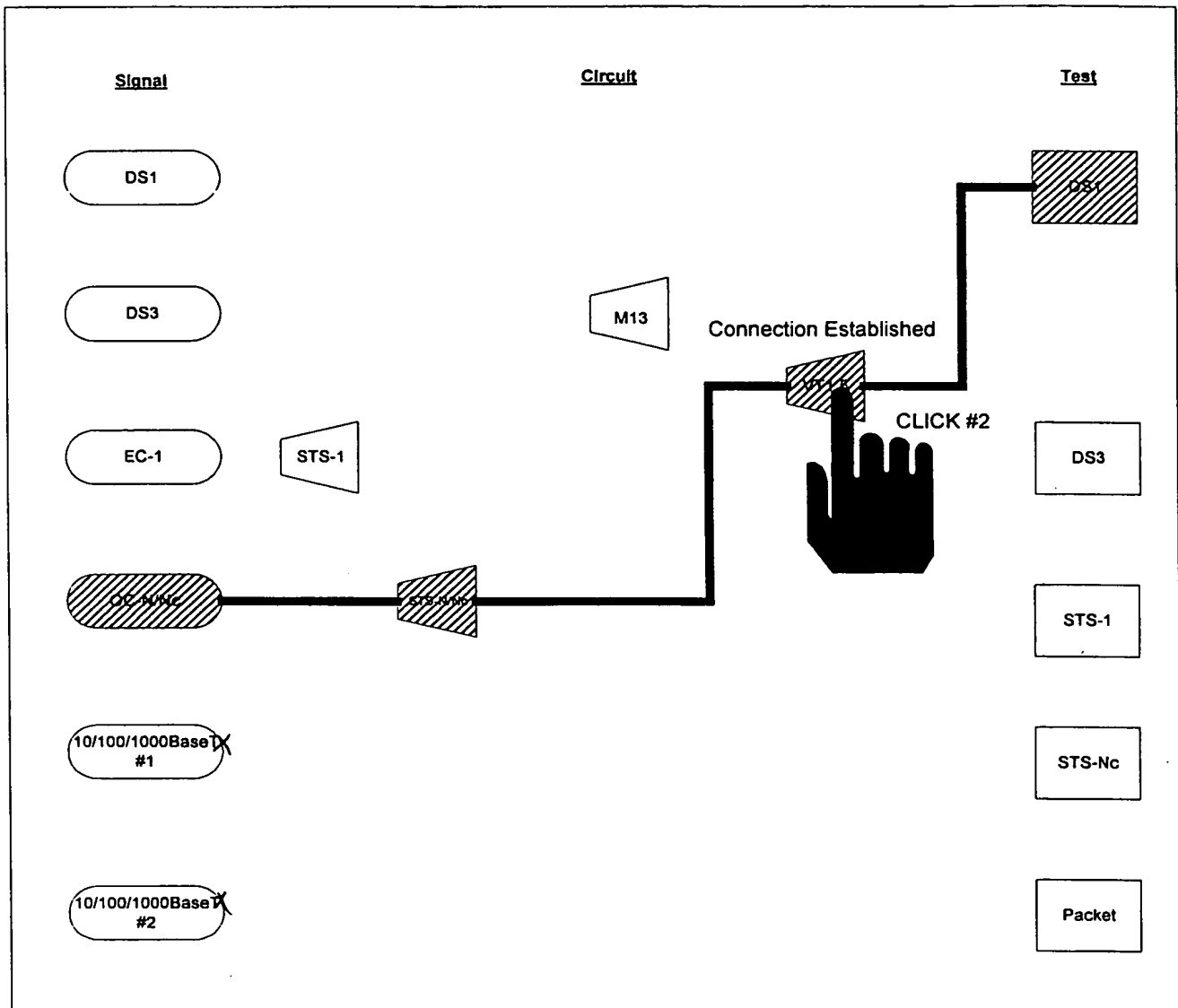
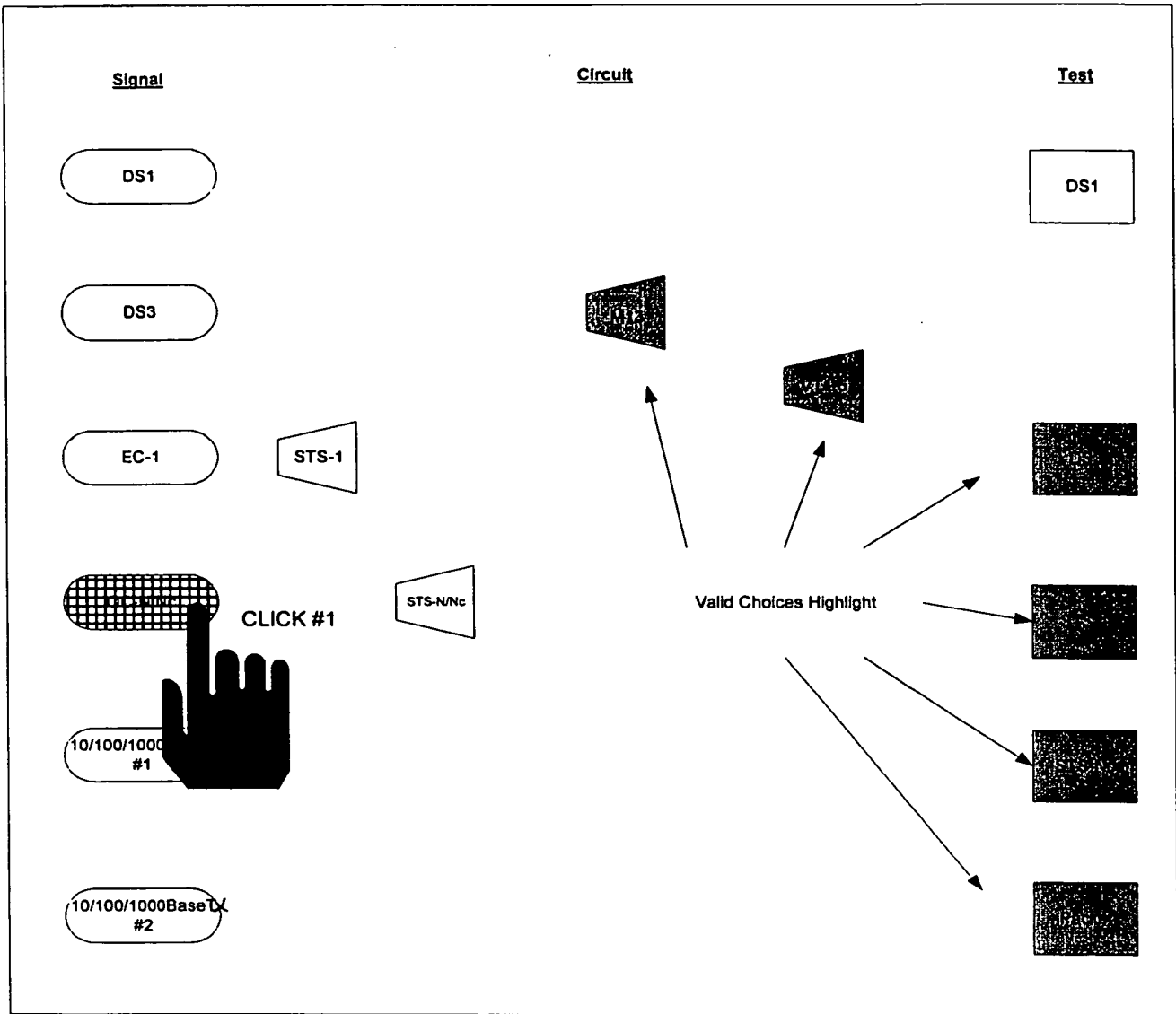
**Graphical User Interface**

Fig. 9

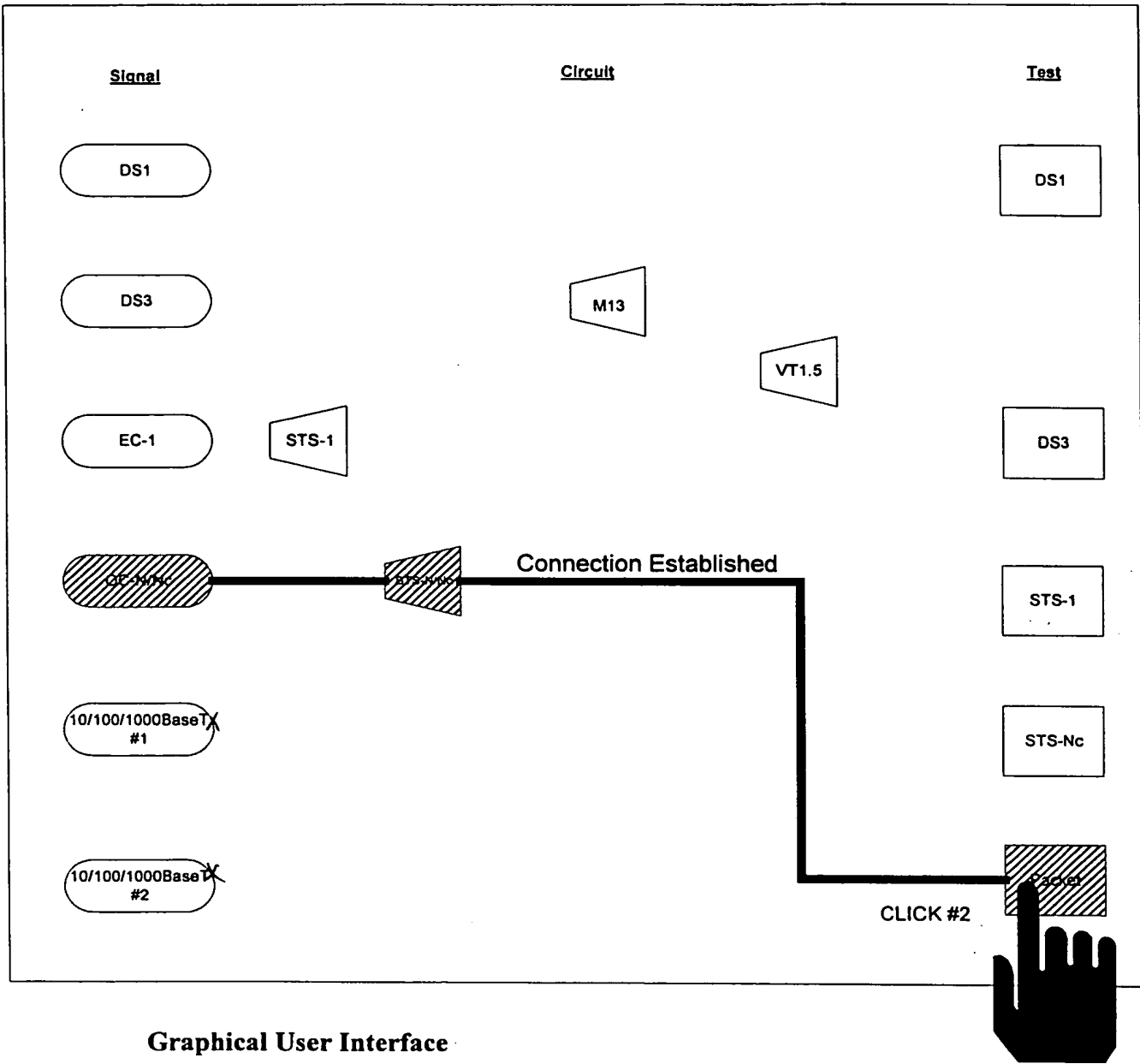
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Graphical User Interface

Fig. 10

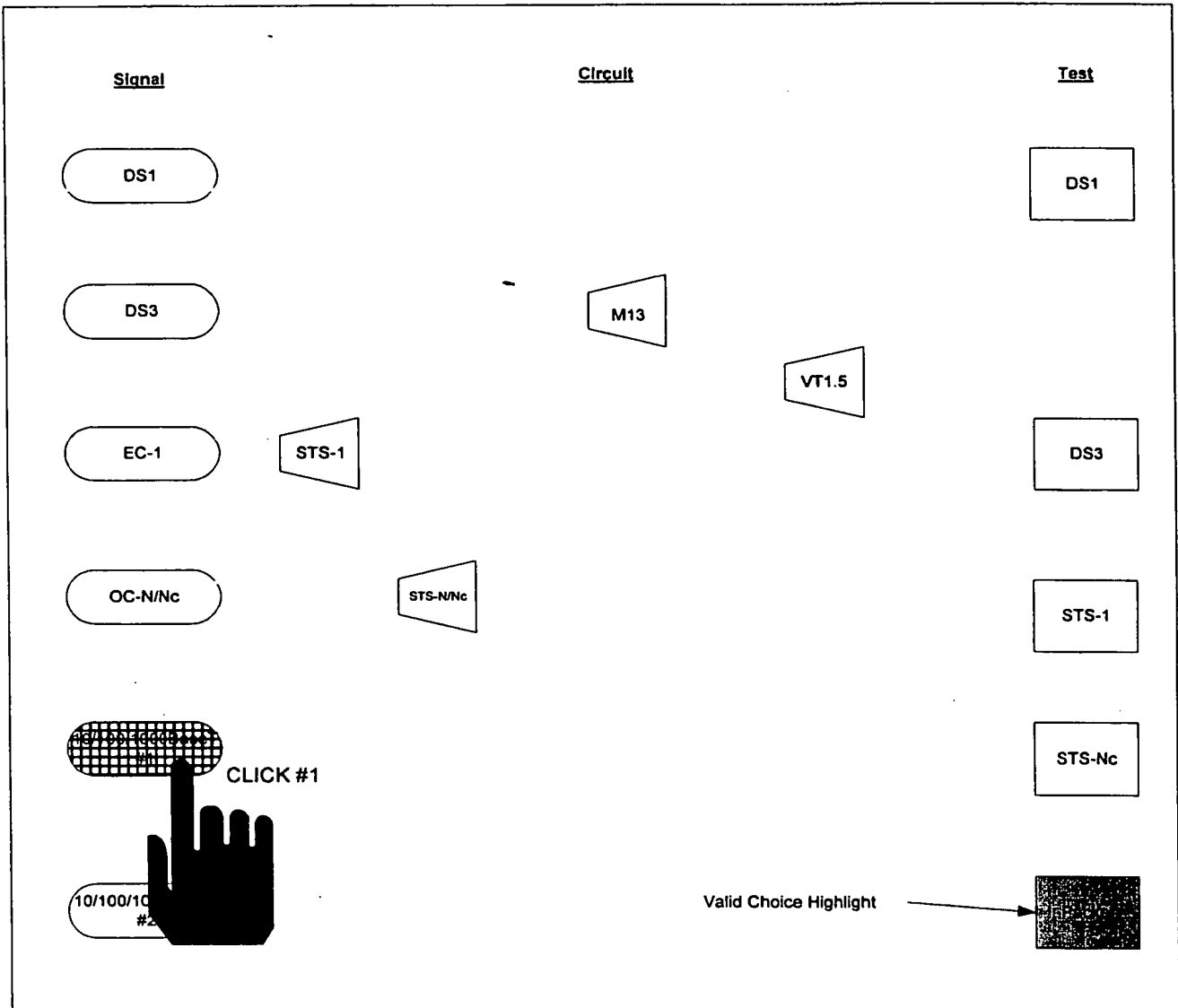
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Graphical User Interface

Fig. 11

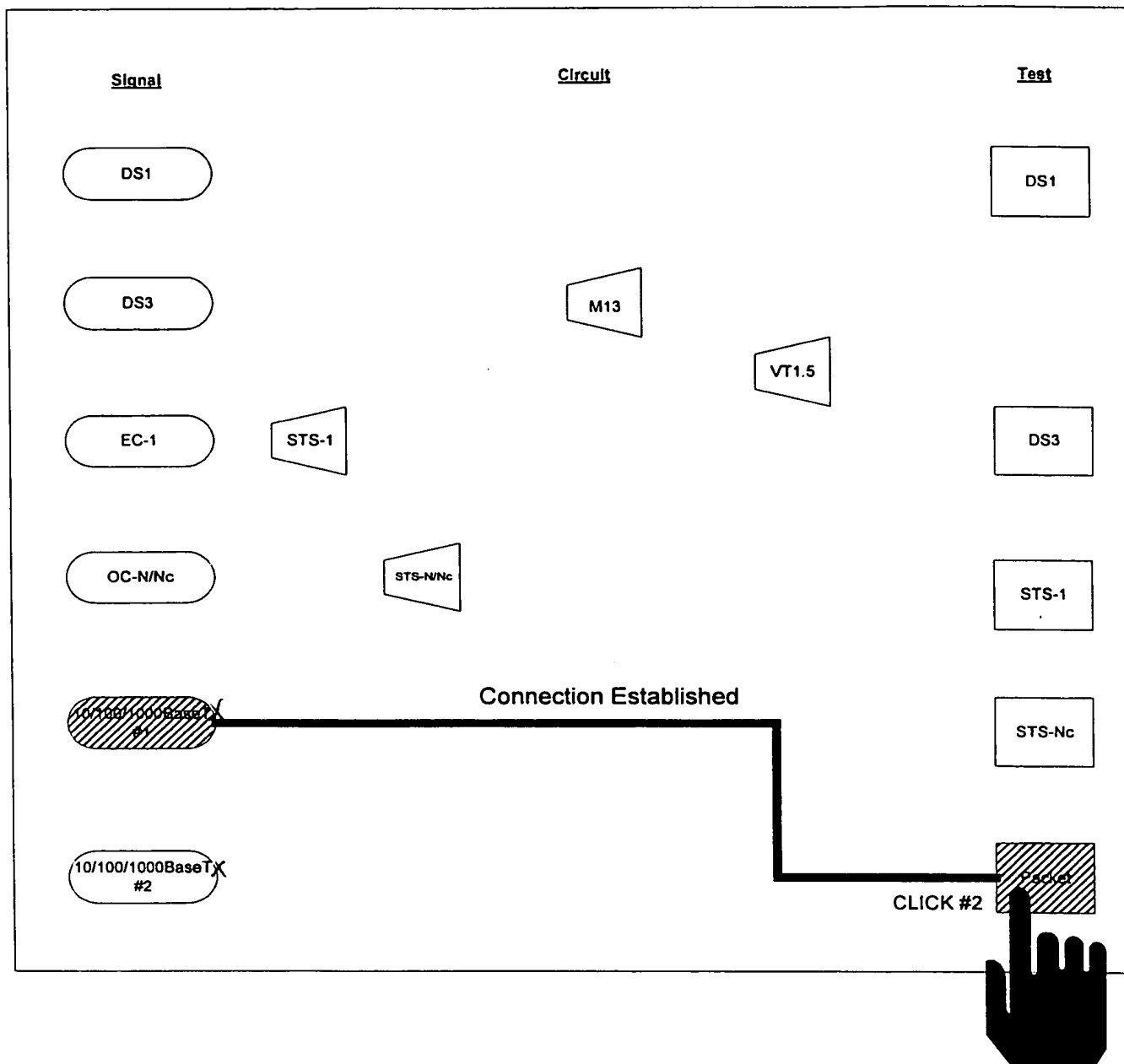
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Graphical User Interface

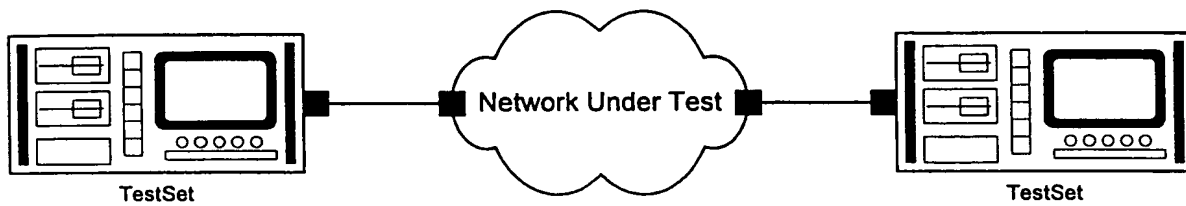
Fig. 12

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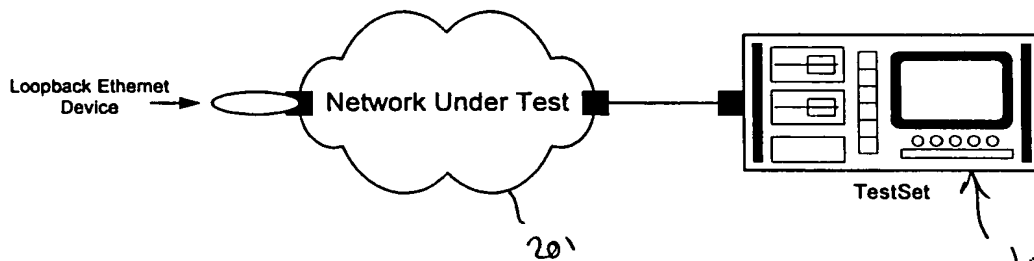
Graphical User Interface

Fig. 13



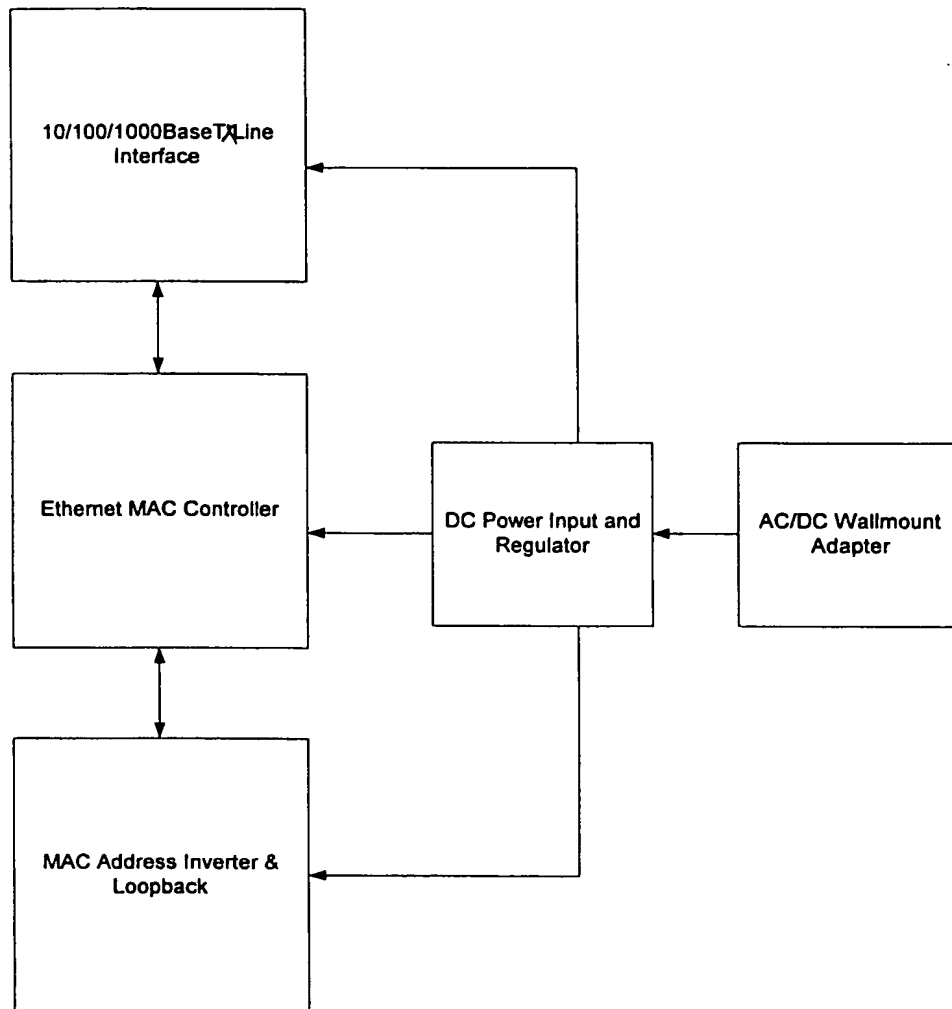
Communication through Ethernet Link under test

Fig. 14



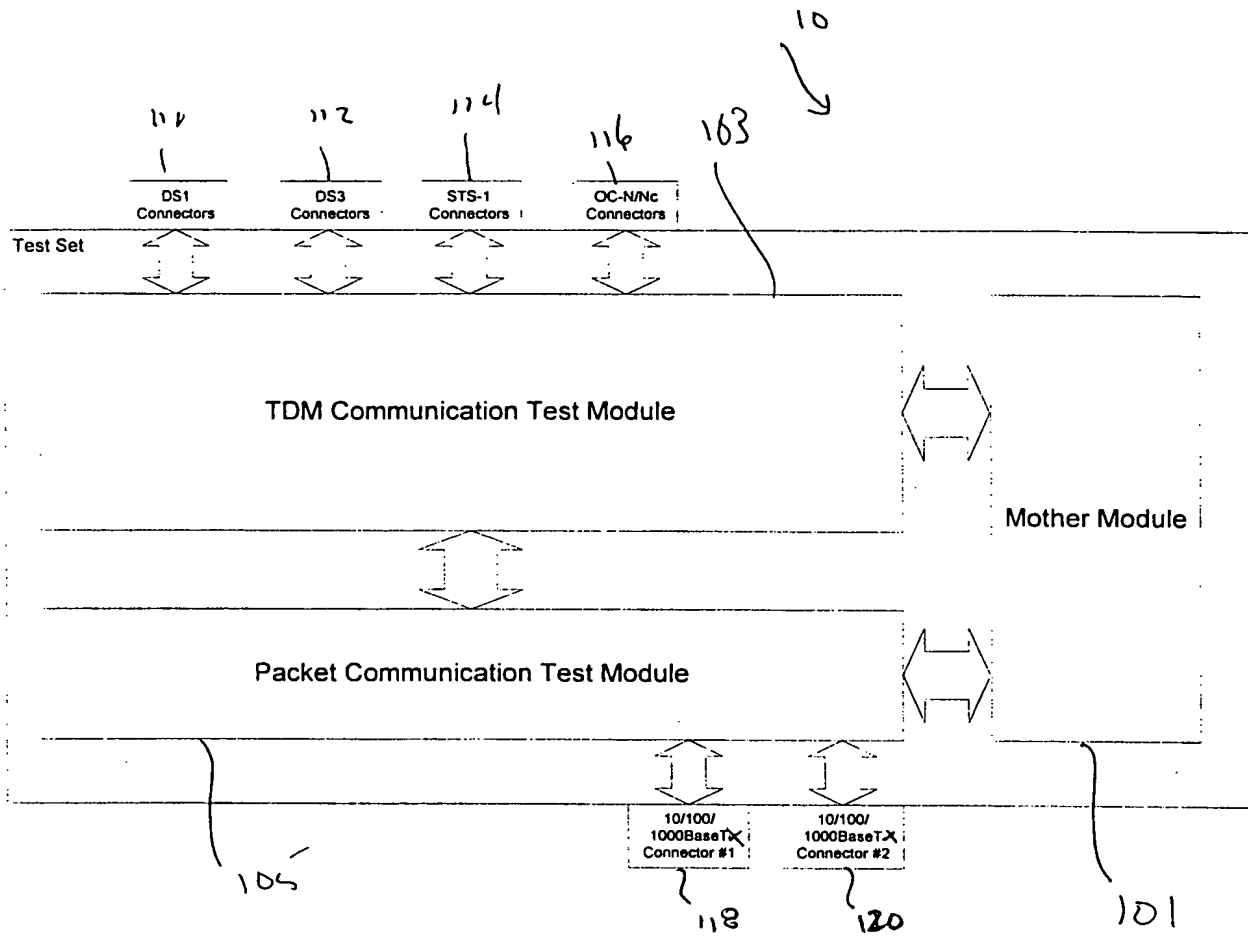
Method of Test Using an Ethernet loopback Dongle

Fig. 15



Loopback Dongle Architecture

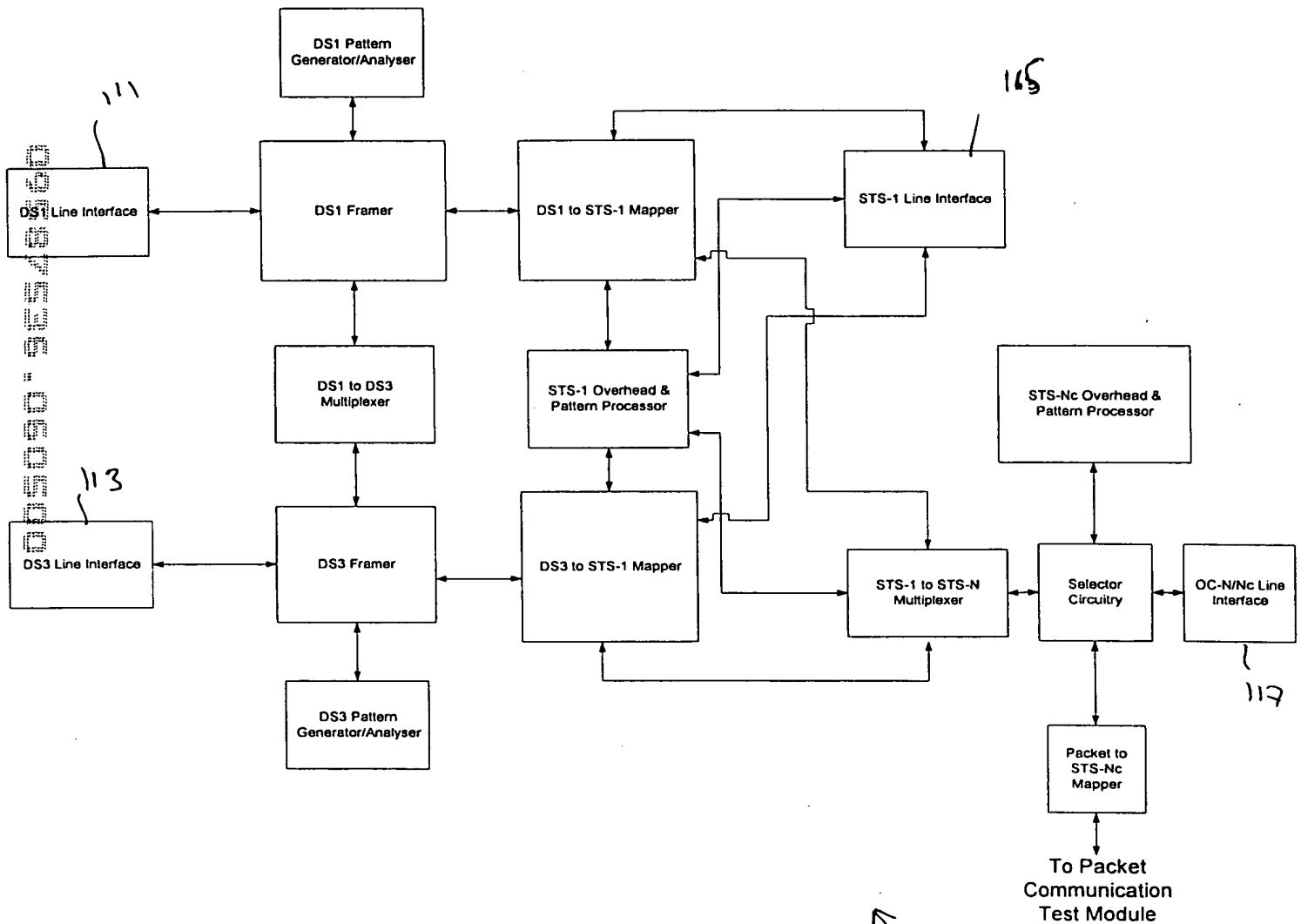
Fig. 16

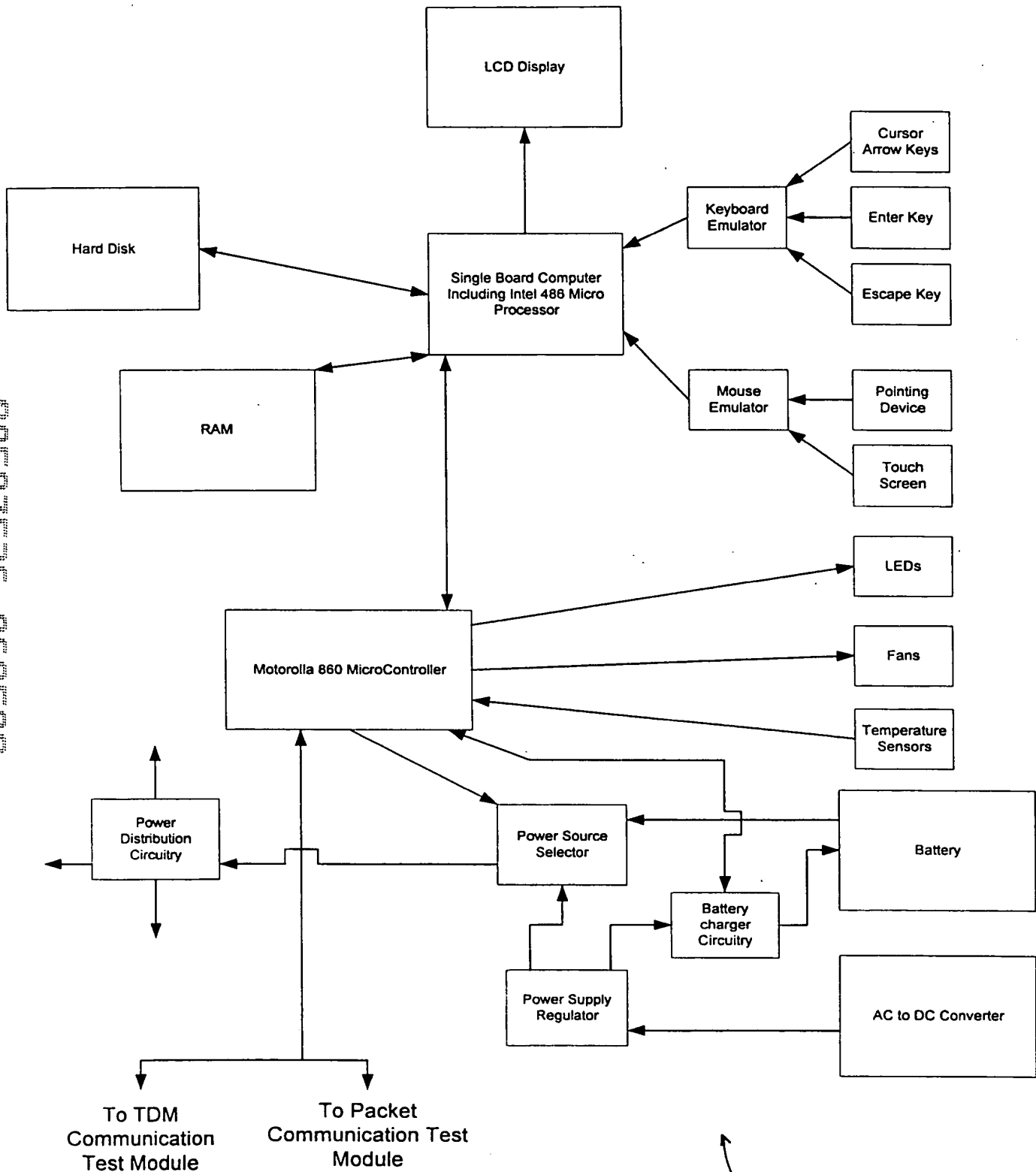


Test Set Internal Architecture

Fig. 17

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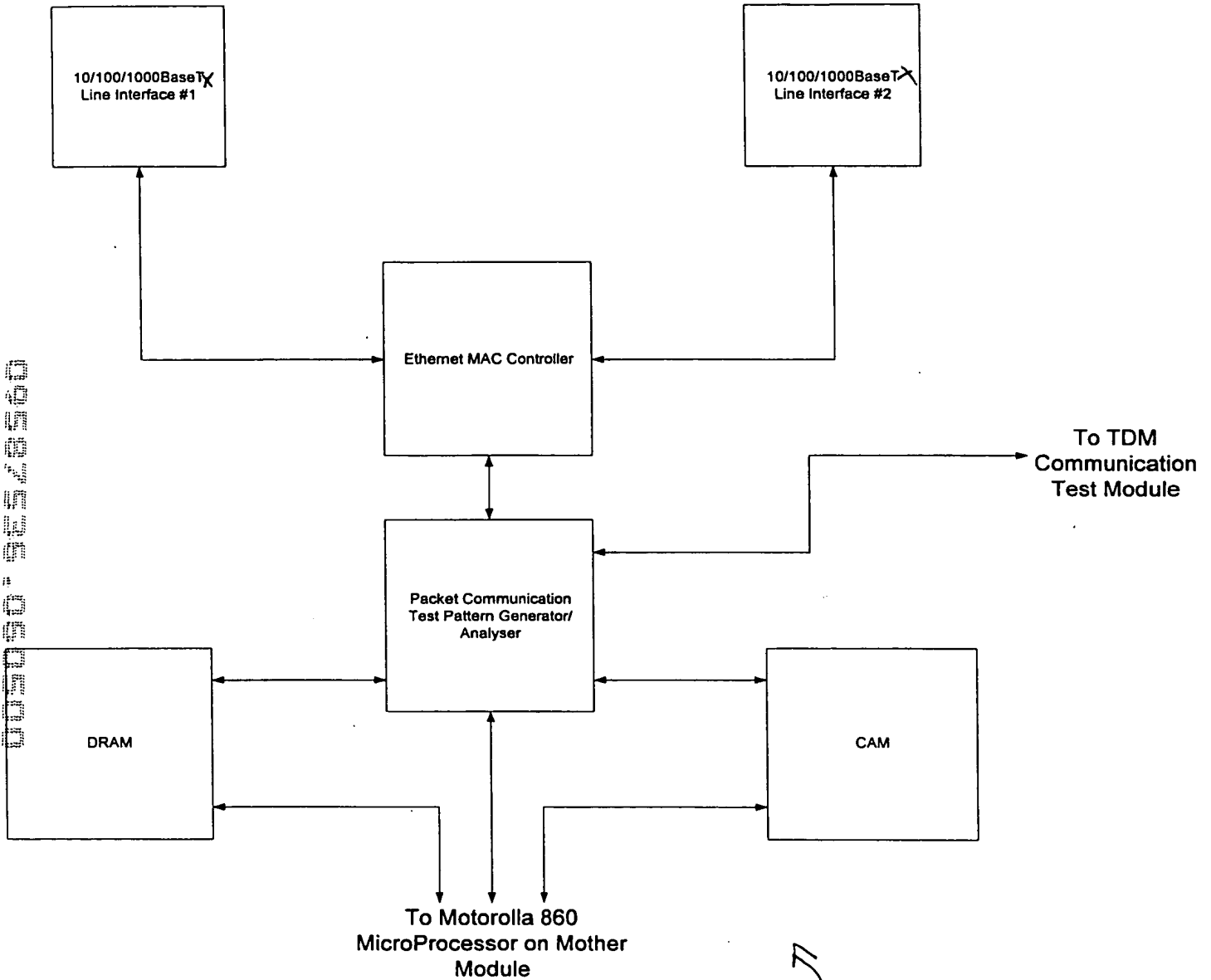


Mother Module

Fig. 19

101

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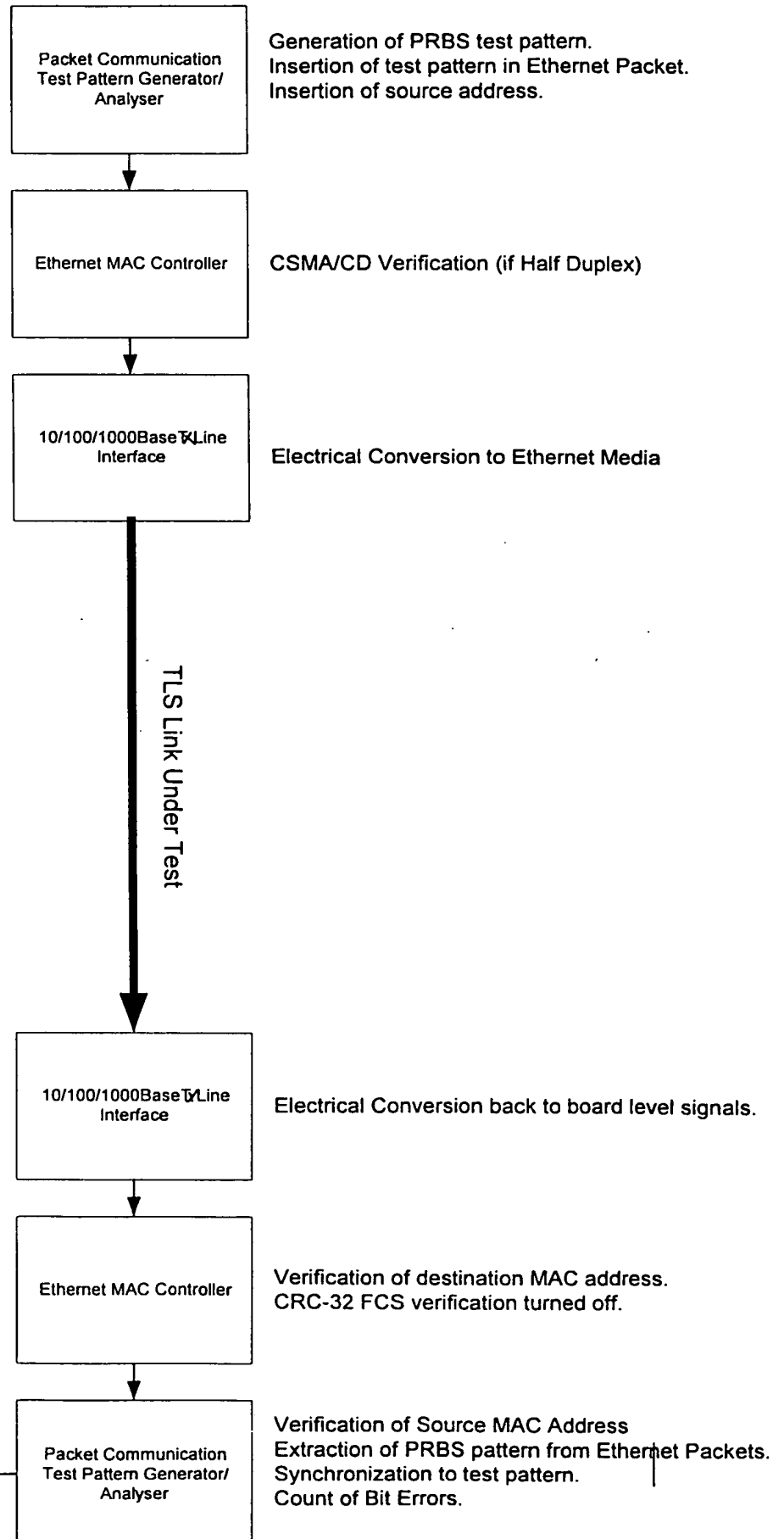
Packet Communication Test Module

Fig. 20

105

Flow Chart of BER test
method for TLS links
(showing only one
direction).

Fig. 21



005090-92528500

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